

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---------------------------|------------------|---------|---------------------|
| L1 | 228 | (55/382).CQLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/02/03 07:59 |
| L2 | 34 | (nonwoven or (non adj woven)) near6 (vacuum adj cleaner) and @ay< "2003" | US-PGPUB; USPAT | ADJ | ON | 2011/02/03 07:59 |
| S1 | 0 | "2027313.2" | EPO | ADJ | ON | 2008/08/18 16:34 |
| S2 | 0 | "2027313" | EPO | ADJ | ON | 2008/08/18 16:34 |
| S3 | 5 | "2027313" | DERWENT | ADJ | ON | 2008/08/18 16:34 |
| S4 | 472 | denier | EPO | ADJ | ON | 2008/08/19 16:29 |
| S5 | 27420 | denier | US-PGPUB; USPAT | ADJ | ON | 2008/08/19 16:29 |
| S6 | 505 | (nonwoven or (non adj woven)) near6 vacuum | US-PGPUB; USPAT | ADJ | ON | 2008/08/19 16:38 |
| S7 | 331 | (nonwoven or (non adj woven)) near6 vacuum and @ay< "2003" | US-PGPUB; USPAT | ADJ | ON | 2008/08/19 16:40 |
| S8 | 34 | (nonwoven or (non adj woven)) near6 (vacuum adj cleaner) and @ay< "2003" | US-PGPUB; USPAT | ADJ | ON | 2008/08/19 16:41 |
| S9 | 5 | "5855992" | US-PGPUB; USPAT | ADJ | ON | 2008/08/20 15:00 |
| S10 | 2642 | (nonwoven or (non adj woven)) near6 ((pore adj size) or diameter) | US-PGPUB; USPAT | ADJ | ON | 2008/08/20 15:10 |
| S11 | 2696 | (nonwoven or (non adj woven)) near6 ((pore adj size) or diameter) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/20 15:10 |

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| S12 | 665 | (nonwoven or (non adj woven)) near6 ((pore adj size) or diameter) near6 ". mu.m" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/20 15:11 |
| S13 | 1 | 10/537641 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/20 15:29 |
| S14 | 200 | pulverized adj polymer | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/20 15:37 |
| S15 | 2 | pulverized adj polymer near6 adhesive | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/20 15:42 |
| S16 | 81 | (spunbond or spunlace) and (meltblown or melt blown) and paper and (hotmelt or hot melt) and weight and diameter and permeability and pore size and @ay< "2003" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/20 17:10 |
| S17 | 13 | "6193773" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/20 17:37 |
| S18 | 1 | "338479" | EPO | OR | OFF | 2008/08/21 11:21 |
| S19 | 26 | "5080702" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/21 13:58 |
| S20 | 214 | (55/382).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 14:01 |
| S21 | 1007 | (55/482).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 14:34 |
| S22 | 1015 | (55/486).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 14:37 |
| S24 | 15 | "55/482".ccls. and (nonwoven or spunbond or meltblown) and (hotmelt or (hot adj melt) or glue or adhesive) and paper | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 14:40 |
| S25 | 100 | "55/486".ccls. and (nonwoven or spunbond or meltblown) and (hotmelt or (hot adj melt) or glue or adhesive) and paper | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 14:42 |

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|-----|-----|--|---------------------------|------|-----|---------------------|
| S26 | 370 | airlaid near1 nonwoven | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 16:07 |
| S27 | 0 | airlaid near1 nonwoven near1 paper | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 16:09 |
| S28 | 1 | airlaid near1 (nonwoven or non woven) near1 paper | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 16:09 |
| S29 | 1 | "6171369".pn. and air and laid | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 16:16 |
| S31 | 1 | "6171369".pn. and ". mu.m" and fiber and diameter and melt | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 16:24 |
| S32 | 1 | "6171369".pn. and polypropylene and spunbond | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 16:48 |
| S34 | 1 | "6171369".pn. and glue | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 17:06 |
| S35 | 1 | "6171369".pn. and adhesive | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 17:07 |
| S36 | 1 | "6171369".pn. and adhesive and hotmelt and "g/m. sup.2" | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 17:10 |
| S37 | 0 | "6171369".pn. and (adhesive or hotmelt) near7 "g/m. sup.2" | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 17:12 |
| S38 | 61 | dry adj bond adj adhesive | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/21 17:14 |
| S39 | 0 | spunbond air-laid spunbond melt- blown spunbond | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/08/28 19:58 |
| S40 | 0 | spunbond air spunbond melt spunbond | US-PGPUB; USPAT; USOCR | NEAR | OFF | 2008/08/28 19:58 |
| S41 | 138 | six-ply | USPAT | OR | OFF | 2008/08/28 20:08 |
| S42 | 241 | six-ply | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/28 20:08 |
| S43 | 27 | six-ply and (spun or spunbond) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/29 07:49 |
| S44 | 1 | "6171369".pn. and fleece and (spunlace or spun or spunbond) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/29 09:22 |

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| S45 | 1 | "6171369".pn. and permeability and paper and laid | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/29 10:10 |
| S46 | 19 | spray near6 ((hot adj melt) or hotmelt) near6 (nonwoven or (non adj woven)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/29 12:44 |
| S47 | 1 | "6171369".pn. and pressure and (calendar or calender) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/29 12:59 |
| S48 | 15 | spray near6 ((hot adj melt) or hotmelt) near6 (nonwoven or (non adj woven)) SAME3 pressure | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/29 13:09 |
| S49 | 15 | spray near6 ((hot adj melt) or hotmelt) near6 (nonwoven or (non adj woven)) SAME3 (pressure force or weight or pressed or press) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/29 13:18 |
| S50 | 10 | spray near6 ((hot adj melt) or hotmelt) near6 fiber SAME3 (pressure force or weight or pressed or press) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/29 13:23 |
| S51 | 10 | spray near6 ((hot adj melt) or hotmelt or (hot near glue)) near6 fiber SAME3 (pressure force or weight or pressed or press) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/29 13:25 |
| S52 | 809 | spray near6 ((hot adj melt) or hotmelt or (hot near glue)) SAME3 (pressure force or weight or pressed or press) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/29 13:26 |
| S53 | 614 | spray near6 ((hot adj melt) or hotmelt or (hot near glue)) SAME3 (pressure or force or pressed or press) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/29 13:28 |
| S54 | 2 | hot near glue near box | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/29 14:00 |

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| S55 | 143 | hot melt glue gun | US-PGPUB; USPAT; USOCR | NEAR | OFF | 2008/08/29 14:03 |
| S56 | 1282 | "sauer".in. | EPO | ADJ | ON | 2008/08/29 15:15 |
| S58 | 16 | (sauer near ralf).in. | US-PGPUB; USPAT | ADJ | ON | 2008/08/29 15:15 |
| S59 | 12 | (schultink near jan). in. | US-PGPUB; USPAT | ADJ | ON | 2008/08/29 15:17 |
| S60 | 2 | (schultink near jan). in. and hotmelt | US-PGPUB; USPAT | ADJ | ON | 2008/09/02 09:50 |
| S61 | 1 | (sauer near ralf).in. and hotmelt | US-PGPUB; USPAT | ADJ | ON | 2008/09/02 09:52 |
| S62 | 0 | (sauer near ralf).in. and hotmelt | EPO | ADJ | ON | 2008/09/02 09:52 |
| S63 | 0 | (sauer near ralf).in. and (hot near melt) | EPO | ADJ | ON | 2008/09/02 09:52 |
| S64 | 52 | (sauer near ralf).in. | EPO | ADJ | ON | 2008/09/02 09:52 |
| S65 | 0 | "4178157" | EPO | ADJ | ON | 2008/09/02 09:57 |
| S66 | 42 | "4178157" | US-PGPUB; USPAT | ADJ | ON | 2008/09/02 09:57 |
| S67 | 343 | ("g/m.sup.2" or "lb/ ft.sup.2" or "lb/in. sup.2" or "g/in. sup.2") near6 ((hot adj melt) or hotmelt or (hot near glue)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/09/02 10:08 |
| S69 | 36 | MFP and textile | US-PGPUB; USPAT; USOCR | NEAR | OFF | 2009/08/04 14:27 |
| S70 | 23 | ("2792076" "2848062" "3094083" "3273322" "3350857" "3370406" "3452520" "3479802" "3498031" "4125219" "4589894" "5080702").PN. OR ("6251154").URPN. | US-PGPUB; USPAT; USOCR | NEAR | OFF | 2010/01/06 13:17 |

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|-----|------|--|---------------------------|------|-----|---------------------|
| S72 | 282 | (spunbond OR (spun ADJ bond)) AND ((hot adj melt) or hotmelt or glue OR adhesive) AND (MFP OR (average near3 pore near3 size)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/01/07 10:27 |
| S73 | 2143 | (spunbond OR (spun ADJ bond)) AND (calendering OR calendered OR calender) | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/01/07 12:07 |
| S74 | 5663 | (spunbond OR (spun ADJ bond)) AND weight and (diameter OR denier OR fineness) and (pore size) | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/01/07 12:30 |
| S75 | 1449 | (spunbond OR (spun ADJ bond)) SAME3 weight SAME3 (diameter OR denier OR fineness) SAME3 (pore size) | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/01/07 12:31 |
| S76 | 147 | (spunbond OR (spun ADJ bond)) AND ((hot adj melt) or hotmelt or glue OR adhesive) AND (MFP OR (average near3 pore near3 size)) AND @ay<"2003" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/01/07 12:31 |
| S77 | 744 | (spunbond OR (spun ADJ bond)) SAME3 weight SAME3 (denier) SAME3 (pore size) | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/01/07 13:28 |
| S78 | 442 | (spunbond OR (spun ADJ bond)) SAME3 weight SAME3 (denier) SAME3 (pore size) AND @ay<"2003" | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/01/07 13:29 |
| S79 | 31 | (spunbond OR (spun ADJ bond)) SAME3 weight SAME3 (denier) SAME3 (pore size) AND @ay<"2003" | US-PGPUB; USPAT; USOCR | NEAR | OFF | 2010/01/07 14:40 |

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| S80 | 4 | needle-tacked polypropylene | US-PGPUB; USPAT; USOCR | NEAR | OFF | 2010/01/07 15:13 |
| S81 | 11 | needle-tacked WITH nonwoven | US-PGPUB; USPAT; USOCR | NEAR | OFF | 2010/01/07 15:41 |
| S82 | 129 | point bonding WITH spunbond | US-PGPUB; USPAT; USOCR | NEAR | OFF | 2010/01/07 15:55 |
| S83 | 1 | "4917942".PN. | US-PGPUB; USPAT; USOCR | NEAR | OFF | 2010/01/07 16:12 |
| S84 | 1 | "4941309".PN. | US-PGPUB; USPAT; USOCR | NEAR | OFF | 2010/01/08 10:43 |
| S85 | 1 | "6425978".PN. | US-PGPUB; USPAT; USOCR | NEAR | OFF | 2010/01/08 10:52 |
| S86 | 17 | "55/482".ccls. and (nonwoven or spunbond or meltblown) and (hotmelt or (hot adj melt) or glue or adhesive) and paper | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/25 17:49 |
| S87 | 109 | "55/486".ccls. and (nonwoven or spunbond or meltblown) and (hotmelt or (hot adj melt) or glue or adhesive) and paper | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/08/25 17:49 |

EAST Search History (Interference)

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2/ 3/ 2011 8:00:05 AM**C:\Documents and Settings\ashumate\My Documents\EAST\Workspaces\10537641.wsp**